COPS
COMMUNITY ORIENTED POLICING SERVICES
U.S. DEPARTMENT OF JUSTICE

Redeployment by Week

Introduction

The Snoutsville Police Department applies for a MORE grant to purchase a CAD/RMS system and 30 laptops. Currently, the department uses radio dispatch and all reports are done by hand. The department estimates that each of the 40 patrol officers currently spends about 15 hours per week writing reports and driving them back to the station for approval. If the department receives the MORE grant, they estimate that each officer will save approximately 7.5 hours per week. The cost of the system is $230,000. To determine their required level of redeployment, the department would use the following formula that was laid out in the Cost Effectiveness Worksheet portion of the grant application.

Required Redeployment

Line 1 - Entry level salary of SWORN police officer (as of Jan. 1, 1998)	1.	$36,000	
Line 2 - Fringe benefits of SWORN police officer(as of Jan. 1, 1998)	2.	$6,000	
Line 3 - Add lines 1 and 2	3.	$42,000	
Line 4 - Multiply line 3 by .75	4.	$31.500	
Line 5 - Enter figure on line 4 or $25,000, whichever is less	5.	$25,000	
Line 6 - Total cost of item, system, or group of like items	6.	$230,000	(100%)
Line 7 - Federal amount requested Can be no more than 75% of total item cost (line 6)	7.	$172,500	(75%)
Line 8 - Divide line 7 by line 5	8.	**6.9 FTEs**	

Actual Redeployment

The formula used to calculate the estimated actual redeployment for this grant would be

7.5 hrs. x 40 officers x 52 weeks = 15,600 hrs. per yr.
15,600 hrs. / 1824 hrs. (COPS standard) = **8.6 FTEs**

The department exceeds the required redeployment level and is awarded the MORE grant.

Redeployment Tracking Plan

The Snoutsville Police Department must now come up with a plan to track redeployment once their system becomes operational. The agency begins its redeployment tracking plan with a short summary of the project and how it will save time for officers within the agency.

"The Snoutsville Police Department was awarded a grant to purchase and implement a new CAD/RMS system and MDTs to make our communications and report writing systems more efficient and effective. Prior to the implementation of the grant, the department estimates that each officer spent an average of 15 hours per week writing reports and driving them back to the station for processing. Through the use of our new CAD/RMS system and MDTs, we estimated that we could cut this time in half."

The next part of the plan is an explanation of the method that the Snoutsville Police Department will use to track the time savings realized through the use of the funded equipment.

"In order to track the time savings that officers will realize under this grant, we have issued log sheets to each officer and asked them to log in the time that is spent entering reports into the laptop and sending them to headquarters through wireless transfer. On a weekly basis, we will use a sample of based on the reports of 8 of the officers to determine the average amount of time that each officer saves as a result of the implementation of the CAD/RMS and MDTs."

Finally, the department describes how the time savings they realize will enhance its community policing efforts.

"With the time saved through the use of the grant funded equipment, officers will attend community meetings with community and business leaders. The department will also begin a program to target high crime areas through increased foot/bike patrols."

Implementing the Tracking Plan

The department implements the grant, and each officer submits a time log at the end of the week showing time savings that is achieved as a result of the grant. The log sheets are then totaled for each officer and entered into a spreadsheet tracking the time savings that each officer realizes. Because tracking the time savings for 40 officers is very time consuming, the department uses a sample of 8 officers who work varying shifts to determine time savings across the department. A sample of the spreadsheet that they use to track the hours saved follows:

Officer	**Sun**	**Mon**	**Tues**	**Wed**	**Thurs**	**Fri**	**Sat**	**Total**
Dame	1.25	1.75			1.5	1	2	7.5
Chapman		1.5	1.5	2	1	1.25		7.25
Neely	1.5	1.5	1.25	1.75	2			8.0
Mehring			1.75	1.75	2	1.5	1	8.0
Bezdikian	1	1.75			1.5	2	1.5	7.75
Clark	2	1.5	1.25	1.25			1.5	7.5
Scrivner	1.5			1	2	1.25	1.25	7.0
Gorniak		2	1.75	1.5	1.5	1.25		8.0
Total	**7.25**	**10.0**	**7.5**	**9.25**	**11.5**	**8.25**	**7.25**	**61.0**

The department is able to tabulate on a weekly basis the time savings that accrues over the course of the grant. When the COPS Count Operators call at the end of the first 3 months of fully operational status, the department reports that on average (based on the sample), officers are spending 7.6 hours per week writing reports. This is a time savings of 7.4 hours per week. They use the following formula to determine their progress after 12 weeks

7.4 hrs. per officer x 12 weeks x 40 officers = 3552 hrs. saved
3,552 hrs. /1824 hrs. = 1.9 FTEs saved over 12 weeks.

If the department remains on track with this level of time savings, they will achieve a total time savings over a period of 1 year of 7.6 FTEs. Although this is slightly less time savings than they originally estimated, it still exceeds the required level of redeployment for the grant.

After the award CAD/RMS system has been implemented, the department notices that it's 4 criminal investigators are also experiencing some unanticipated time savings as a result of the grant. Since the Department now uses a records management system, the four detectives each save two hours per week because they no longer need to review lengthy handwritten reports that were poorly filed in the past. Now, the detectives have all of the available information on their computers, which is much faster than the old process. The department decides to track this time savings as well since it will help them in exceeding their required redeployment level. Since each detective is saving an average of 2 hours per week, they can anticipate the following time savings over the course of the year (this should be tracked incrementally as it accrues):

2 hrs. per week x 4 officers x 52 weeks = 416 hrs.
416 hrs. / 1824 hrs. (COPS Standard) = **.2 FTEs**

If the time savings the department is currently achieving stays on track, they can expect to redeploy 7.8 FTEs over the course of one year.